



#4

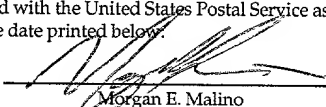
IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Clifford L. Hersh, Herbert W. Sullivan
SERIAL NO.: 09/729,515
FILING DATE: 12/4/2000
TITLE: Method And System For Enhanced Concurrency In A
Computing Environment
EXAMINER: n/a
GROUP ART UNIT: 2151
ATTY.DKT.NO.: PA1671US

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, Washington, D.C. 20231, on the date printed below.

Dated: Oct. 15, 2001


Morgan E. Malino

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RESPONSE TO NOTICE OF MISSING PARTS AND
CONDITIONAL PRELIMINARY AMENDMENT

Sir:

Applicants believe the enclosed submission constitutes a complete reply to the outstanding Notice of Missing Parts, mailed February 2, 2001.

The declaration contained in Appendix A fully complies with 37 CFR 1.63 – 1.69. The first two pages have been executed by the legal representative of Herbert W. Sullivan (deceased). All four pages have been executed by Clifford L. Hersh. Together, the four-page declaration satisfies the statutory requirements. Of specific note, both inventors are identified on page one of the declaration ("First Named Inventor" is listed as Clifford L. Hersh, and the statement "I believe that Herbert W. Sullivan was the first

inventor . . ." is made) as well as on page four (signature blocks identify both Mr. Hersh and Mr. Sullivan as inventors). Additionally, the citizenship, residence and mailing address of both inventors are identified on page four, and the citizenship, residence and mailing address of Joan Todd, legal representative of Mr. Sullivan, is identified on page two.

A check for \$65 to cover the late filing fee (37 CFR 1.136(a)) is enclosed. As the time for extensions has run, no extension fees are enclosed.

It is believed that no substitute drawings are included because a preliminary amendment, was electronically filed on Feb. 5, 2001, in accordance with 37 CFR 1.215(c) ("Patent application publication"). The Acknowledgement Receipt is attached as Appendix B and a paper copy of the electronically filed application is attached as Appendix C.

In an abundance of caution, Applicant makes the following conditional preliminary amendment in case the amendment electronically filed on Feb. 5, 2001, was not entered in the case.

Please conditionally amend the above-identified application as follows:

IN THE SPECIFICATION:

Replace the specification with the substitute specification contained in Appendix D. Appendix D is identical to the specification contained in Appendix C, which represents the electronically filed version of the application.

IN THE CLAIMS:

Replace the same-numbered pending claims with the claims contained in Appendix E. Appendix E is identical to the claims contained in Appendix C, which represents the electronically filed version of the application.

Cancel claims 9 through 14 without prejudice.

IN THE DRAWINGS:

Cancel Figures 1A through 24 without prejudice.

Appendix F represents the red-lined version of Figures 25, 26 and 27. Appendix G represents Figures 25, 26 and 27 in compliance with 37 CFR 1.84 ("Standards for Drawings"). Appendix G is identical to the drawings contained in Appendix C, which represents the electronically filed version of the application.

The marked-up version of the specification is contained in Appendix H. The marked-up version of the claims is contained in Appendix I.

The substitute specification, the amended claims, and the drawings do not contain any new matter.

Respectfully submitted,

Clifford L. Hersh and
Herbert W. Sullivan

Dated: OCT 15, 2001

By: 

Morgan E. Malino
Attorney, Reg. No. 41,177
CARR & FERRELL LLP
2225 East Bayshore Road, Suite 200
Palo Alto, CA 94303
TEL: (650) 812-3400
FAX: (650) 812-3444

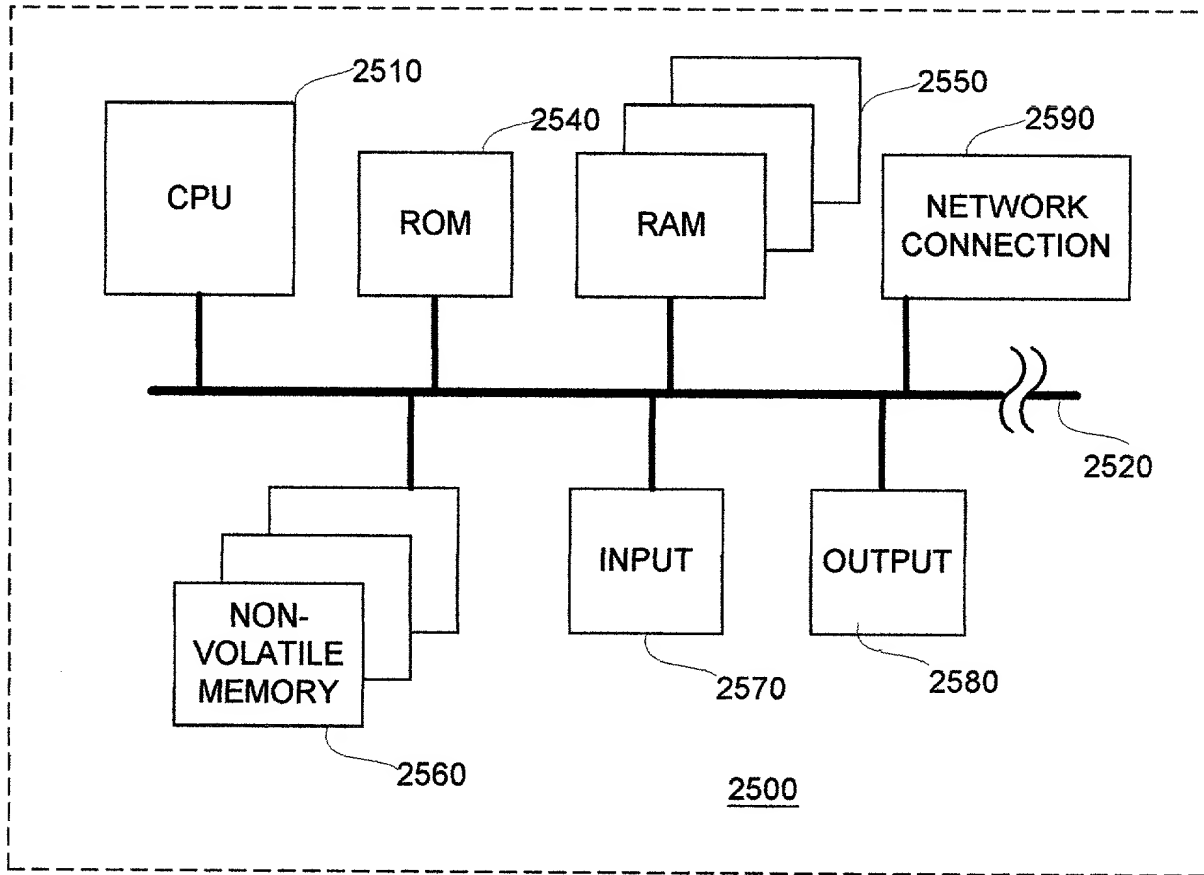


FIG. 1

Prior Art

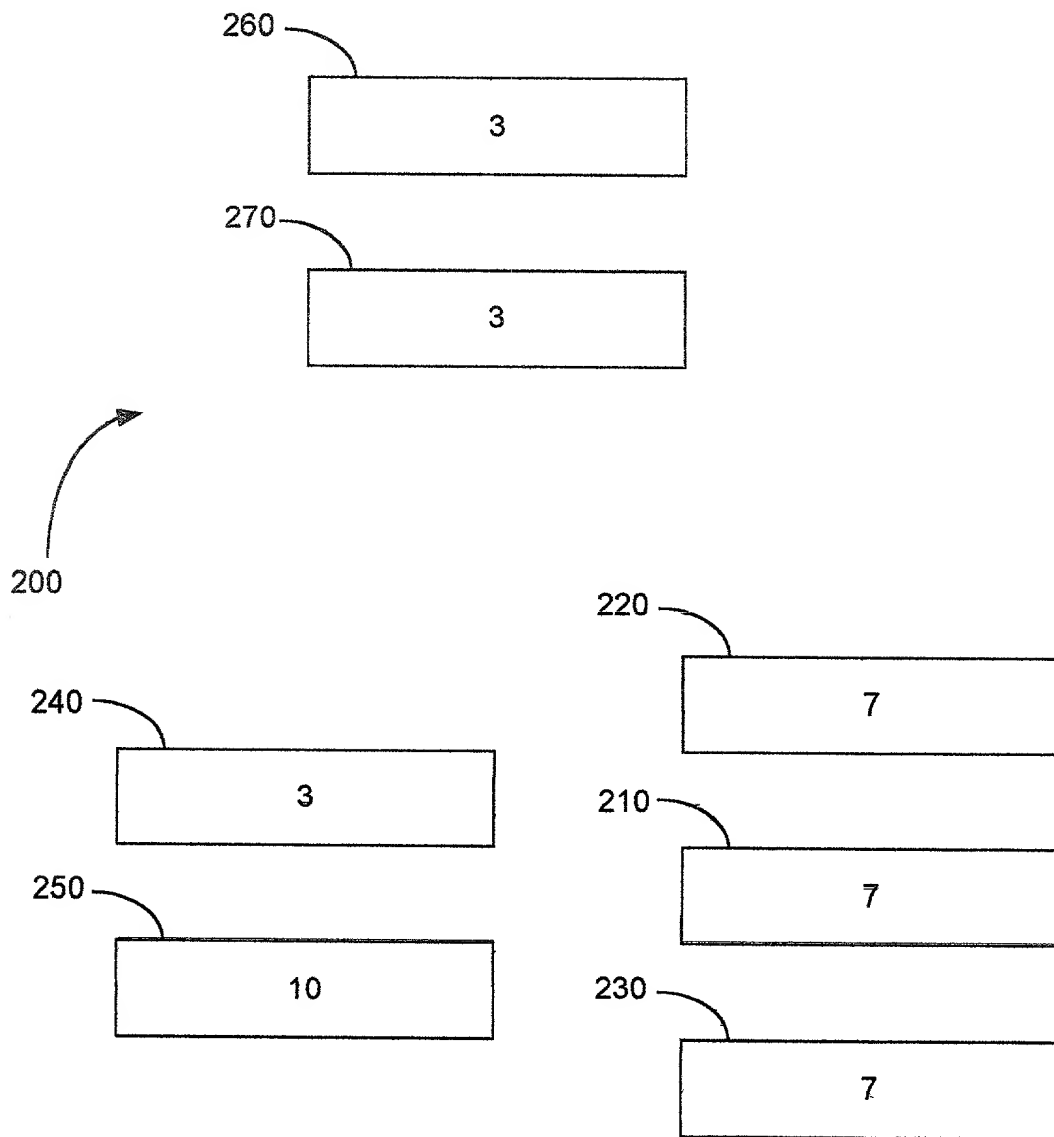


FIG. 2

FIG. 3 is a flowchart illustrating a process for handling reservation registers. The process begins at a START node, leading to a GET ADDEND block (2710). This is followed by a LOCK XADD TO AFFECTED RESERVATION REGISTER block (2720). A comparison is then made to limits (2730). A decision diamond (2740) asks 'SUCCEED?'. If the answer is 'N' (No), the process proceeds to a RESTORE VALUE OF AFFECTED RESERVATION REGISTER block (2750), then to a REPORT FAILURE block (2780), and finally to an END node (2760). If the answer is 'Y' (Yes), the process proceeds to a LOCK XADD TO ACTUAL VALUE REGISTER block (2770), then to a LOCK XADD TO UNAFFECTED RESERVATION REGISTER block (2780), then to a REPORT SUCCESS block (2790), and finally to an END node. A label 2700 with an arrow points to the decision diamond (2740).

2700

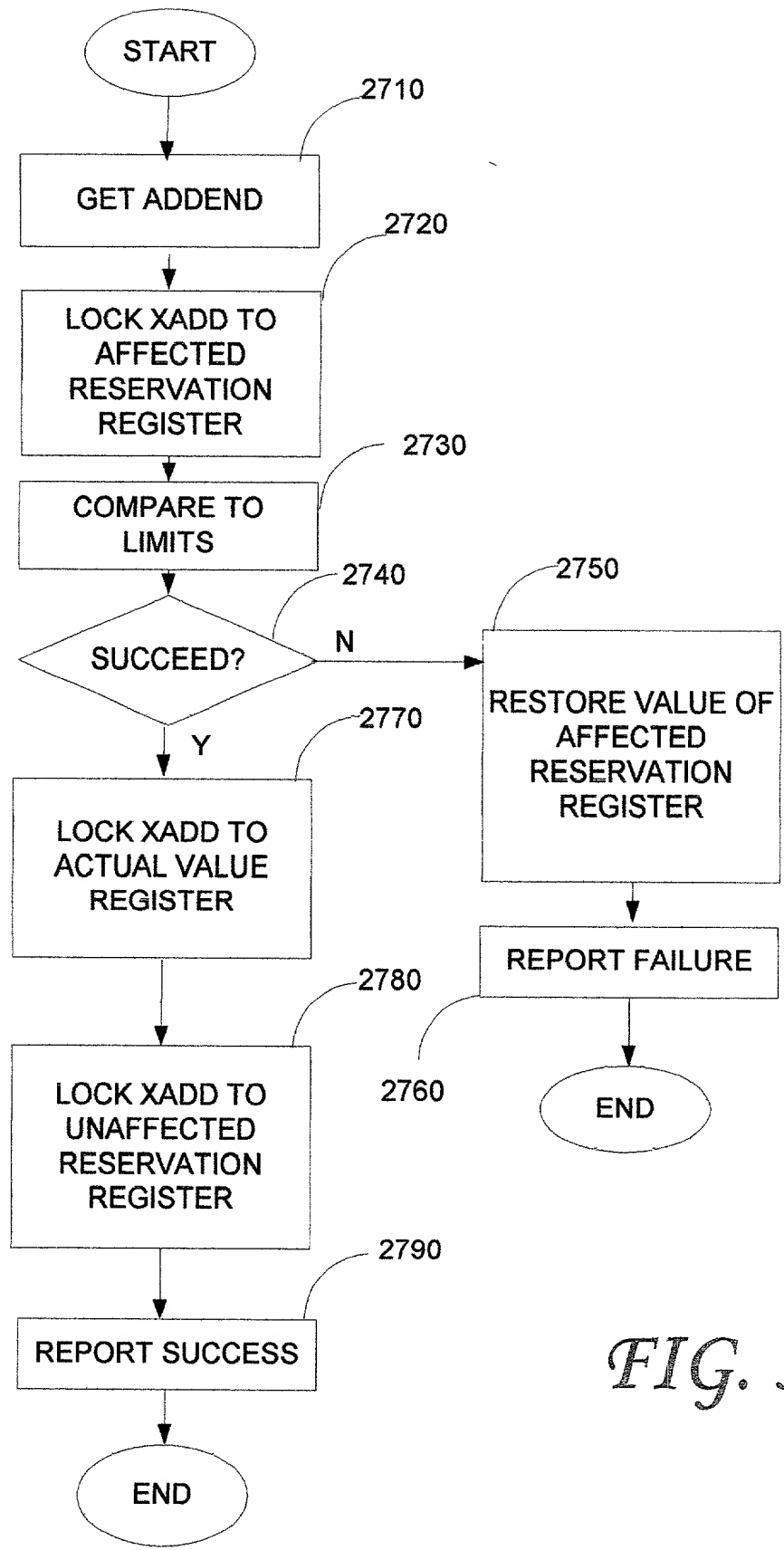


FIG. 3